HW 7 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Triangle Inequalities Period: \_\_\_\_\_\_\_\_\_\_\_

1) Which of these lengths could be the sides of a triangle?

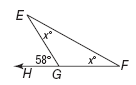
(1) 3 in., 14 in., 19 in.

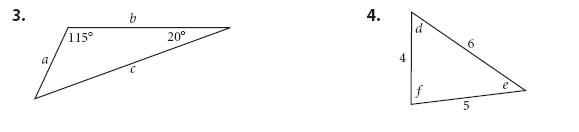
(2) 6 in., 10 in., 16 in.

(3) 14 in., 4 in., 19 in.

(4) 10 in., 7 in., 16 in.

2) Solve for x:





Arrange each side from least to greatest: Arrange each angle from least to greatest:

\_\_\_\_\_\_\_ < \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_ < \_\_\_\_\_\_\_\_\_

